DO NOT USE FOR FLIGHT

PART I **- User's Manual**

DO NOT USE FOR FLIGHT

ABOUT THIS MANUAL

VERSION: 12 OCTOBER, 2011

WARNING: THIS MANUAL IS DESIGNED FOR MICROSOFT® FS9 & FSX USE ONLY. DO NOT USE FOR FLIGHT.

The '757 Captain' FLIGHT MANUAL is organized into five Parts:
Each Part is provided as a separate Acrobat® PDF document:

Click START > Programs > Captain Sim > 757 Captain >

- **Part I – User's Manual** - this document.
  o   The User's Manual describes the '757 Captain' Sim product as a software title.

- **Part II – Aircraft Systems**

- **Part III – Normal Procedures**

- **Part IV – Flight Characteristics and Performance Data**

- **Part V - Flight Management System**

Adobe Acrobat® Reader Required

FOR GENERAL INFORMATION ON THE '757 CAPTAIN' PRODUCT PLEASE USE WWW.CAPTAINSIM.COM .
THIS MANUAL PROVIDES ADDITIONAL INFORMATION ONLY, WHICH IS NOT AVAILABLE ON THE WEB SITE.

CONTENTS

'757 CAPTAIN' FAMILY OF PRODUCTS

The '757 Captain' family consists of the following three separate products:
- Base Pack
- 757-300 Expansion Model
- 757 Freighter Expansion Model

All of them are available in two versions: for FS9 and for FSX.

WWW: More info | Pricing

EXPRESS LINE BLOCKS

With the **'757 Captain' Pro Line** version release all of the **'757 Captain' Express Line** products (Blocks A, B, C, E) are discontinued and not available anymore.

WWW: Learn more about the Product Lines.

EXCHANGE FOR BASE PACK

If you have **Block B** and **Block F Upgrade** you can exchange them for the **Base Pack** (ACE and Sound Set included) without paying extra for the ACE and Sound Set!

WWW: For the exchange please open new Ticket via Trouble Ticket System in Your Profile

757-200 Base Pack

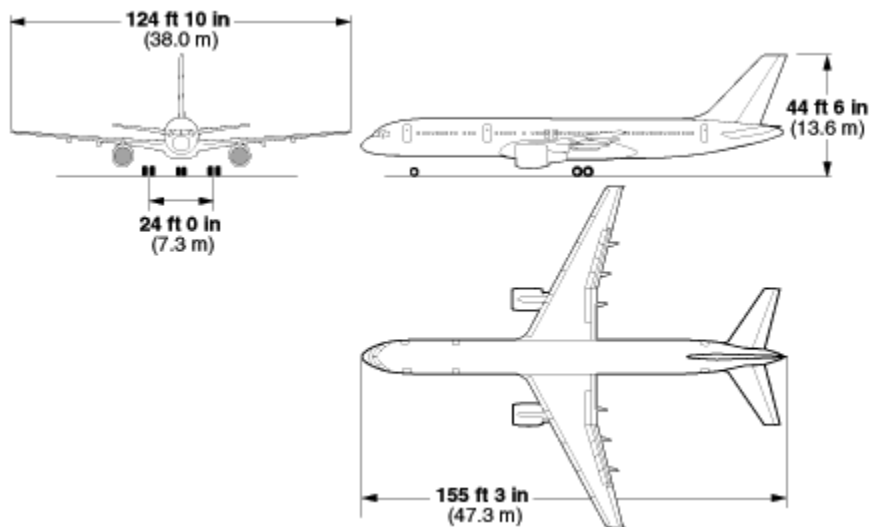The **Base Pack** delivers the following features for all of the '757 Captain' models (-200, -300 and Freighter).
*   Interior models (VC)
*   2D panels
*   Systems and flight instruments
*   Sound Set
*   ACE (Aircraft Configuration Editor)

The 757-200 exterior models are included in the Base Pack.
The 757-300 and Freighter are available as separate expansions.

THE BOEING 757-200 AIRCRAFT

The Boeing 757-200, member of the popular 757/767 family of medium-sized airplanes, is a twin-engine short-to-medium-range jetliner incorporating advanced technology for exceptional fuel efficiency, low noise levels, increased passenger comfort and top operating performance. The 757 offers other virtues as well, including great versatility by reducing airport congestion. It can fly both long- and short-range routes and its broad use effectively lends itself to "hub-and-spoke" planning.

Designed to carry 200 passengers in a typical mixed-class configuration, the 757-200 can accommodate up to 228 passengers in charter service, putting its capacity between that of the Boeing 737-900, and the 757-300.

The 757-200 takeoff weights range from 220,000 pounds (99,800 kilograms) up to a maximum of 255,000 pounds (115,660 kilograms) for greater payload or range. A freighter configuration of the 757-200 also is available.

The 757-200 and twin-aisle 767 were developed concurrently, so both share the same technological advancements in propulsion, aerodynamics, avionics and materials. This commonality reduces training and spares requirements when both are operated in the same fleet. Because of these features, many airline operators operate both 757 and 767 airplanes.
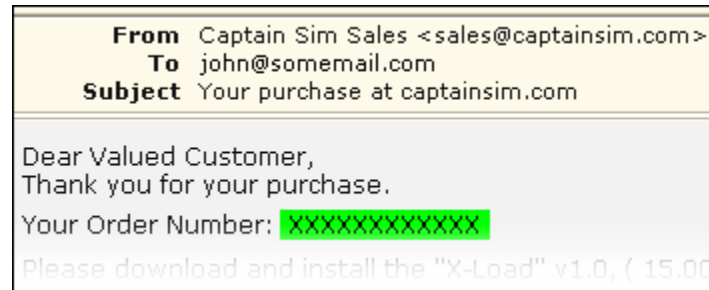
SPECIFICATION

The **Base Pack** is available as a separate product at www.captainsim.com as 'one-click' installation .exe file.

File Name: csp752_XX00.exe (FS9) or csp751_XX00.exe (FSX)

Size: ~90 MB FSX, ~115 MB FS9

INSTALLATION

1. Shortly after a purchase you will receive an email message from Captain Sim Sales with your Order Number and download links.

Note:
How to get the product download links if you have not received the email receipt?
- Please check-in to Your Profile (ORDER NUMBER REQUIRED)
- In Your Profile click: **Product Name > Extended Download Service** and download the product.
- Please keep your ORDER NUMBER safe. You will need it for future re-install, updates etc.

2. Download the .exe file to any folder. Please backup the file(s) to avoid an extra charge in future. Please keep your download and Check-in info safe.

3. Run the .exe file (right click on the .exe file, select 'Run as Administrator') and follow the prompts.

Note:

- YOUR PC MUST BE CONNECTED TO THE INTERNET FOR THE INSTALLATION.

- ORDER NUMBER IS REQUIRED FOR THE INSTALLATION.

- The installation software will automatically add the '757-200 Captain' to your MSFS.

- Upon installing the models will appear as 'Boeing 757-200 PW' and 'Boeing 757-200 RR' under 'Captain Sim' manufacturer* in the MSFS aircraft selection menu.

- Links to Support, Updates, Manuals and Uninstall will be available via: Click START > Programs > Captain Sim > 757 Captain >

* - Boeing manufacturer, Captain Sim publisher for FSX.

UNINSTALLATION

Click START > Programs > Captain Sim > 757 Captain > 757-200 Base Pack > Uninstall

2D PANELS

'ICONS' CONTROL 2D PANEL (FS9)

Press Shift+2 to show/hide the 'ICONS' CONTROL PANEL.

The Icons Control Panel designed to manage 2D panels and Views.

A *B* *C*

	The icons legend:	*Keys*
1	1A -- Forward-Left Interior view panel	Num 7
	1B -- Left Seat Pilot panel	Num 8
	1C -- Forward-Right Interior view panel	Num 9
2	2A -- Left Interior view panel	Num 4
	2B -- Overhead panel	Shift+6
	2C -- Right Interior view panel	Num 6
3	3A -- Rear-Left Interior view panel	Num 1
	3B -- FMC Control panel	Shift+7
	3C -- Rear Interior view panel	Num 2
4	4A -- EFIS Control panel	**-**
	4B -- Lighting Control Panel	-
	4C -- Autopilot panel	Shift+9
5	5A -- Control Wheel panel	-
	5B -- Model Animation Control Panel	Shift+3
	5C -- VC Views Control Panel	Shift+4
6	6A -- Passenger/wing view left **	-
	6B -- MSFS Map window	Menu>World>Map
	6C -- Passenger/wing view right **	-
7	7A -- MSFS Notepad window	F10
	7B -- MSFS ATC window	~
	7C -- Radio Control panel	Shift+8
8	8A -- Exit the Control panel	-
	8B -- Panel Drag-n-Drop area	-
	8C -- MSFS GPS panel	Shift+5

** - If you have both **Base Pack** and the **757 Freighter** installed, and the B757 Freighter is selected, the wing view icons will be replaced by Lower and Main Deck Load Manager icons. No passenger wing views are available in the **757 Freighter**.

'ICONS' CONTROL 2D PANEL (FSX)

Press Shift+2 to show/hide the 'Icons' Control Panel.

The Icons Control Panel is designed to manage 2D panels and Views.

	A B	The icons legend:	Keys
1		1A -- Model Animation Control Panel	Shift+3
		1B -- Overhead panel	Shift+6
2		2A -- CDU Panel	Shift+7
		2B -- Lighting Control Pane	-
3		3A -- EFIS Control panel	Shift+5
		3B -- Autopilot Control Panel	Shift+9
4		4A -- Radio Control panel	Shift+8
		4B -- IRS Control Panel	-
5		5A -- Control Wheel panel	-
		5B – Pedestal Control Panel	-
6		6A -- MSFS Notepad window	F10
		6B -- MSFS ATC window	~
7		7A – External Power Control	-
		7B – Bleed Air Control	-
8		8A -- Exit the Control panel	-
		8B – Radar Control Panel	Shift+4

** - If you have both **Base Pack** and the **757 Freighter** installed, and the B757 Freighter is selected, the wing view icons will be replaced by Lower and Main Deck Load Manager icons. No passenger wing views are available in the **757 Freighter**.

CAPTAIN VIEW PANEL

Day and Night version of the 1600x1200 High Resolution Captain View 2D Panel is included.

Day	Night, Glareshield Lights ON	Night, Glareshield Lights OFF

See Flight Manual Part II – Aircraft Systems, Part V – FMS for details.

OVERHEAD PANEL

Press Shift+6 or its icon to show/hide the panel.

Day and Night version of the 1600x1200 High Resolution Overhead 2D Panel is included.

Day   Night

See Flight Manual Part II – Aircraft Systems, Part V – FMS for details.

2D INTERIOR VIEWS (FS9 ONLY)

Day and Night version of the following six 1600x1200 High Resolution Interior 2D Views are included.

Note:

For models with VC: Captain Seat 'eyepoint' must be pre-selected (using VC Views Control Panel) for correct display of the Interior Views.

045 View   090 View   Backwall View

225 View   270 View   315 View

PASSENGER WING VIEWS (FS9 ONLY)

Day and Night version of two 1600x1200 High Resolution Wing Views are included.

Right Wing View	Left Wing View

The Wing Views are available from a 2D standpoint and from VC as well.

Note:

- Model with wing views must be pre-selected (Using ACE Utility – Optional) before flight.

- FS9: Captain Seat 'eyepoint' must be pre-selected (using VC Views Control Panel) for correct display of the Wing Views.

- FSX: No 2D window bitmaps available.

MODEL ANIMATION CONTROL PANEL
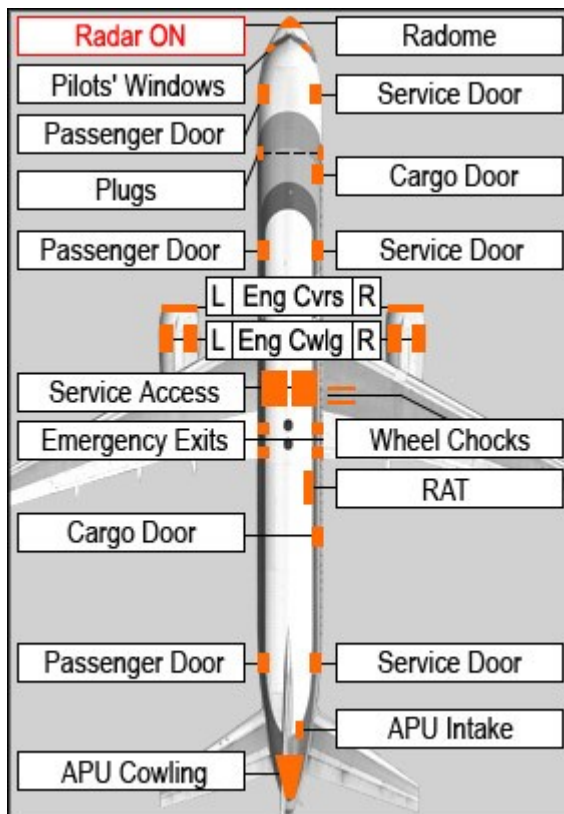
Press Shift+3 or its icon to show/hide the panel.

Press any white label/button to initiate the corresponding animation of the Exterior Model.

Notes:

- You cannot put the Engine Covers if an engine is running.

- You cannot open Engine Cowlings inflight.

- You cannot set the Wheel Chocks if your speed is more than 0 KIAS

- L-R – indicates that you can control left-right side items independently

DO NOT USE FOR FLIGHT

VC VIEWS CONTROL PANEL (FS9 ONLY)

Press Shift+4 or its icon to show/hide the panel.
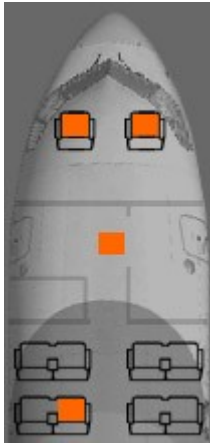
The VC views control panel provides easy switch between the following four preset viewpoints (shown as amber squares on the picture):

1. Captain
2. First officer
3. Galley/lavatory
4. 2b passenger seat

- Select desired viewpoint *before* flight. Do not use inflight.
- Cabin (no wingviews) model variant must be selected using ACE.

How it works:

- Make sure you are in vc mode view.
- Click on desired viewpoint amber square. The square turns red – gets armed.
- Click on the viewpoint red square to confirm your selection.
- Msfs flight should reload a flight with new viewpoint.

Note:
If the viewpoint does not change after the flight reloads or MSFS does not reload the flight automatically, just reload the aircraft using MSFS Aircraft > Select Aircraft menu.

8' 2" BLENDED WINGLETS

Aviation Partners Boeing expects to Performance Enhance the majority of the 600 plus existing fleet of 757-200s with revolutionary Blended Winglet Technology. Operator benefits include: a block fuel improvement of up to 5%, approximately 200 nautical miles of additional range or up to 10,000 lbs. of incremental payload capability, improved second segment climb, enhanced operational flexibility (such as trading improved fuel burn for faster cruise speeds), improved takeoff performance out of high, hot, or obstacle limited airports, reduced engine maintenance costs, enhanced aesthetic appeal, increased aircraft residual value, and a range of environmental benefits.

Right Wing View (FS9)   External View

The Winglets are available for both, VC Passenger Views and all external views.

Note:

- The Winglets are available for all models but pre-selected for United and Arkia airlines only. To choose model variant with winglets for other airlines please use ACE. *(See ACE section of this manual)*

- FS9: Captain Seat 'eyepoint' must be pre-selected (using VC Views Control Panel) for correct display of the Wing Views.

MISCELLANEOUS FEATURES

FLIGHT DECK BACKWALL POSTER

Original poster says: BREED RABBITS!
(Russia, 1950-s)

High resolution backwall poster can be changed or removed:

To change the poster

1. Open [MSFS Root Folder]>Aircraft\757-200_Captain\texture.xxx\cs757_C_30.bmp

2. Create your poster on the cs757_C_30.bmp (save as DXT1 file)

3. Copy new cs757_C_30.bmp to desired texture.xxx folders.

Remove the poster

1. Open the folder [MSFS Root Folder]>Aircraft\757-200_Captain\texture.xxx\ (for each aircraft variation)

2. Rename the files:
- cs757_C_30_transp.bmp to cs757_C_30.bmp
- cs757_C_30.bmp to cs757_C_30_transp.bmp

3. Delete or rename the file cs757_C_30_L.bmp

PILOTS' WINDOW CLIPBOARD NOTES

High resolution clipboard notes can be changed or removed:

To change the notes

1. Open [MSFS Root Folder]>Aircraft\757-200_Captain\texture.xxx\cs757_C_29.bmp

2. Create new notes on the cs757_C_29.bmp (save as DXT1 file)

3. Copy new cs757_C_29.bmp to desired texture.xxx folders.

To remove the notes

1. Open the folder [MSFS Root Folder]>Aircraft\757-200_Captain\texture.xxx\ (for each aircraft variation)

2. Rename the files:
- cs757_C_29.bmp to cs757_C_29_transp.bmp and
- cs757_C_29_transp.bmp to cs757_C_29.bmp

3. Rename the file cs757_C_29_L.bmp

EXTERIOR MODELS

ANIMATIONS

The model features hundreds of realistic animations:

Aft passenger door

Engine cowlings (4)

Wipers (2)

Engine intake covers (2)

Aft service door

Pilots' windows (2)

Wheel chocks (6)

Landing gear doors (8)

Compressor fans
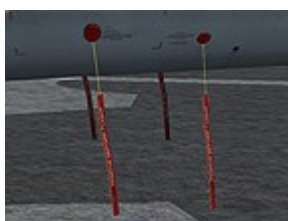
Plugs (4)

Forward service door

Emergency exits (4)

Elevators (2)

Rudder

Engine reversers (2)
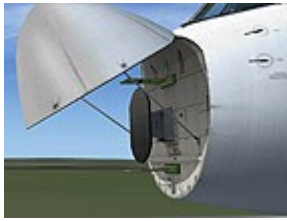
Radome
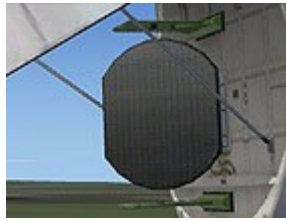
Radar antenna

Spoilers (12 sections)

RAT

Leading-edge flaps (4)

Forward cargo door
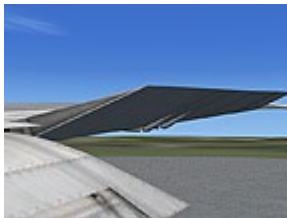
Ailerons (2)

Landing gears (3)

Service access (2)
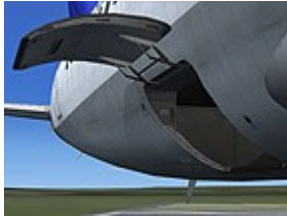
Aft cargo door

Main passenger door

Starboard service door

APU cowling
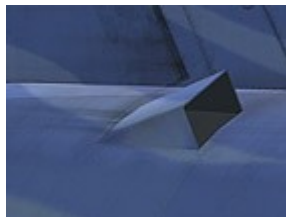
APU intake

See Flight Manual Part II – Aircraft Systems for details.

MISC FEATURES

Custom self-shade

Wing flex

Wing vortices

Edge light

Engines smoke

Light bloom

Landing light trace

Light bloom

Light map

See Flight Manual Part II – Aircraft Systems for details.

PRE-SAVED VIEWS

Right side window
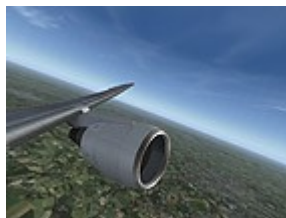
Left side window

Landing gear
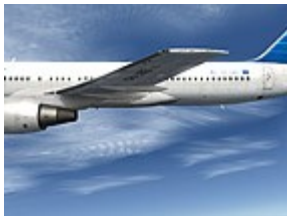
Left wing

Tail
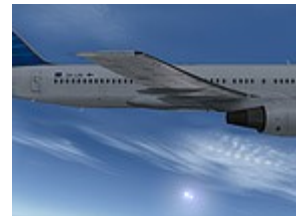
Right wing

VIRTUAL COCKPIT

ANIMATIONS

Hundreds of custom animations:

Arm rests (4)	Pilot's seats (2) (up-down, fwd-bwd)	Books (3)
Rudder pedals adjustment crank (2)	Rudder pedals (4)	Pilots' windows (2)
Wipers (2)	Control wheels and columns (2)	Nose steering wheel
Windshield handle (2)	Transparent spare bulbs cover	Auxiliary panel table
Pilots' windows handles and mechanism (2)	Lavatory door	Passenger doors (2)

Stab trim control lever	Blinds (12)	Flight deck door
Clipboards (2)	Coat	Control wheel autopilot switch
Control wheel trim switch	Door handles (2)	Engine control lever
Engine fuel cutoff handles (2)	Engine fuel shutoff handles (3)	Engine reverser control lever
Flaps control lever	Landing gear lever	Parking brakes control lever

In addition to the above:
- Switches (32)
- Guarded Switches (5)
- Buttons (23)
- Selectors (26)
- Knobs (72)

DO NOT USE FOR FLIGHT

MISC FEATURES

Galley self-shadow
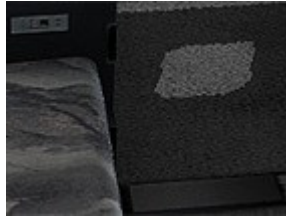
Cabin self-shadow

VC self-shadow

See Flight Manual Part II – Aircraft Systems for details.

PRE-SAVED VIEWS

Captain's seat

First Officer's seat

Passenger seat

Galley

SYSTEMS

See Flight Manual Part II – Aircraft Systems for details.

757-300 Expansion Model

The '757 Captain' Base Pack or Block B+F required!

This part of the manual describes the 757-300 specific features only.

THE BOEING 757-300 AIRCRAFT
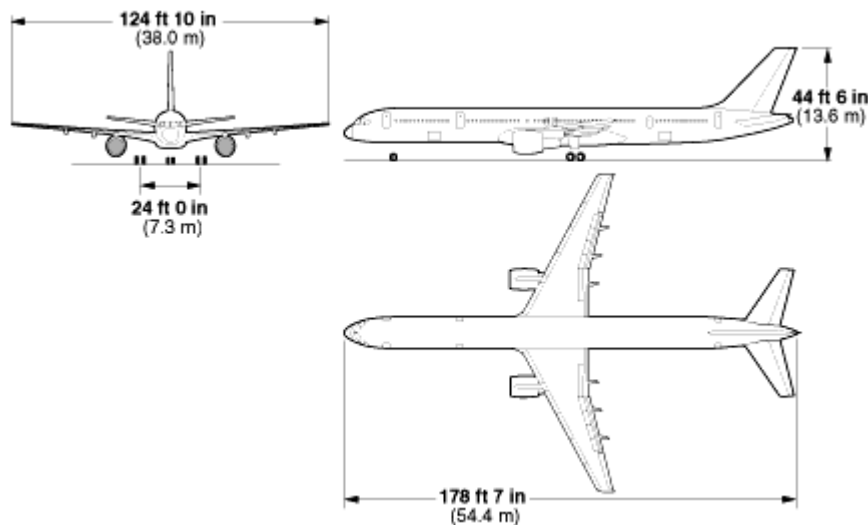
The Boeing 757-300, member of the popular 757/767 family of medium-sized airplanes, was launched Sept. 2, 1996, with an order from Condor Flugdienst, a German charter airline.

The 757-300 is a twin-engine, short-to-medium-range jetliner offering fuel efficiency, top economic performance and low noise levels. Both scheduled carriers and tour operators have ordered the 757-300.
The 757-300 is a stretched version of the 757-200, measuring 23 feet 4 inches (7.1 meters) longer. The extra length allows it to carry 20 percent more passengers than the 757-200 and increases the available cargo volume by nearly 50 percent.

Designed to carry 243 passengers in a typical, mixed-class configuration, the 757-300 can accommodate up to 289 passengers in charter service, putting its capacity between that of the 757-200 and the 767-300. Because of its additional capacity, the 757-300 has about 10 percent lower seat-mile operating costs than the 757-200, which already has the lowest seat-mile operating cost in its market segment.

As a derivative, the 757-300 complements the 757-200; it is not a replacement. Both models are in production. The 757-300 retains the simplicity and reliability of the 757-200. Both models have the same flight deck and operating systems, but some features have been changed. Besides a lengthened fuselage, changes on the 757-300 include new tires, wheels and brakes; a tail skid; and strengthened wings and landing gear.

In addition, the 757-300 shares a common type rating with the 767. This allows any pilot trained to fly one model to be qualified to fly the other model with minimal additional familiarization, saving training time and costs. Commonality offers airlines other benefits such as improved operating efficiency from reducing spares inventories, lowering training requirements and greater flexibility in assigning flight crews.

DO NOT USE FOR FLIGHT

SPECIFICATION

The **757-300 Expansion Model** is available at www.captainsim.com as 'one-click' installation .exe file.

File Name: csa753_XX00.exe (FS9) or csx753_XX00.exe (FSX)

Size: ~32 MB (FS9) ~14MB (FSX)

INSTALLATION

BASE PACK (OR BLOCK B+F) MUST BE INSTALLED BEFORE THE 757-300 EXPANSION MODEL INSTALLATION.

1. Shortly after a purchase you will receive an email message from Captain Sim Sales with your Order Number and download links.

> **From** Captain Sim Sales <sales@captainsim.com>
> **To** john@somemail.com
> **Subject** Your purchase at captainsim.com
>
> Dear Valued Customer,
> Thank you for your purchase.
> Your Order Number: XXXXXXXXXXX
> Please download and install the "X-Load" v1.0, (15.0(

Note:
How to get the product download links if you have not received the email receipt?
- Please check-in to Your Profile (ORDER NUMBER REQUIRED)
- In Your Profile click: **Product Name > Extended Download Service** and download the product.
- Please keep your ORDER NUMBER safe. You will need it for future re-install, updates etc.

2. Download the .exe file to any folder. Please backup the file(s) to avoid an extra charge in future. Please keep your download and Check-in info safe.

3. Run the .exe file (right click on the .exe file, select 'Run as Administrator') and follow the prompts.

Note:

- YOUR PC MUST BE CONNECTED TO THE INTERNET FOR THE INSTALLATION.

- ORDER NUMBER IS REQUIRED FOR THE INSTALLATION.

- The installation software will automatically add the '757-300 Captain' to your MSFS.

- Upon installing the models will appear as 'Boeing 757-300 PW' and 'Boeing 757-300 RR' under 'Captain Sim' manufacturer* in the MSFS aircraft selection menu.

- Links to the Manuals and Uninstall will be available via: Click START > Programs > Captain Sim > 757 Captain >

- Boeing manufacturer, Captain Sim publisher for FSX.

UNINSTALLATION

Click START > Programs > Captain Sim > 757 Captain > 757-300 Captain > Uninstall

SYSTEMS

See Flight Manual Part II – Aircraft Systems, Part V – FMS for details.

2D PANELS

MODEL ANIMATION CONTROL PANEL

Press Shift+3 or its icon to show/hide the panel.
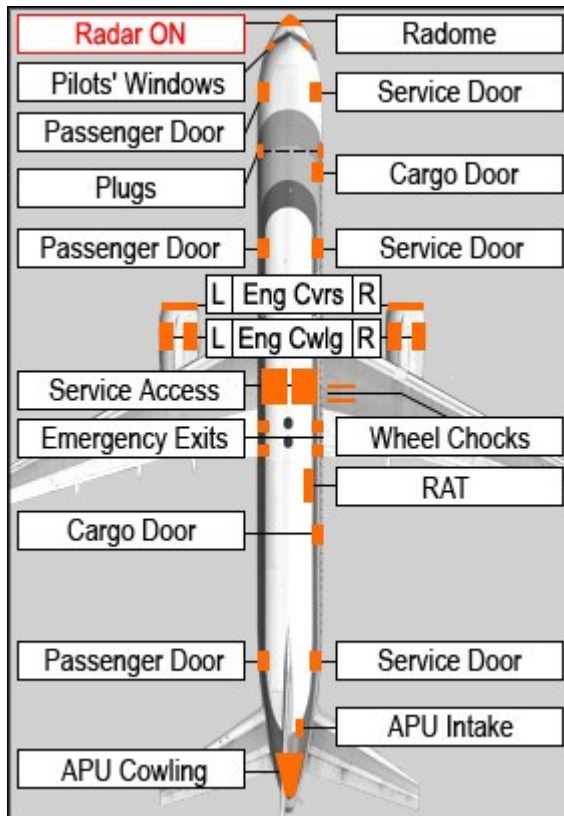
Press any white label/button to initiate the corresponding animation of the Exterior Model.

Notes:

- You cannot put the Engine Covers if an engine is running.

- You cannot open Engine Cowlings inflight.

- You cannot set the Wheel Chocks if your speed is more than 0 KIAS

- L-R – indicates that you can control left-right side items independently

757 Freighter Expansion Model
The '757 Captain' Base Pack or Block B+F required!

This part of the manual describes the 757 Freighter specific features only.

THE BOEING 757-200 FREIGHTER AIRCRAFT
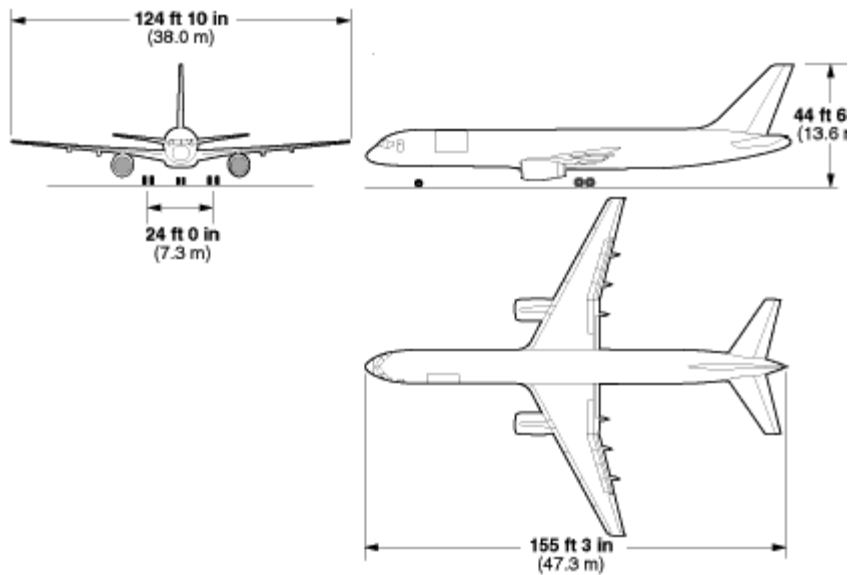
The Boeing 757 freighter is a derivative of the twin-engine 757-200 passenger jetliner. It is similar in external appearance except for the lack of passenger windows and doors.

The 757-200 Freighter is a dedicated freighter designed to accept up to 15 cargo containers on its main deck. Major features include a large side cargo door in the forward fuselage, a single crew entry door just ahead of it and a windowless freighter interior measuring 6,600 cubic feet of cargo space on the main deck. Additional freight can be carried in the lower holds located forward and aft of the wing.

The freighter retains the same fuel efficiency as the 757-200 passenger model. It also shares similarities with the Boeing 767, such as an advanced flight deck, air-conditioning packs and auxiliary power units. The Federal Aviation Administration has granted a common type rating for pilots meaning that pilots can fly the 757, 757-200 Freighter or 767 with minimal new training.

Powerplants for the 757PF are the Pratt & Whitney PW2000 series and the Rolls Royce RB211-535E4 and E4-B engines.

SPECIFICATION

The **757 Freighter Expansion Model** is available at www.captainsim.com as 'one-click' installation .exe file.
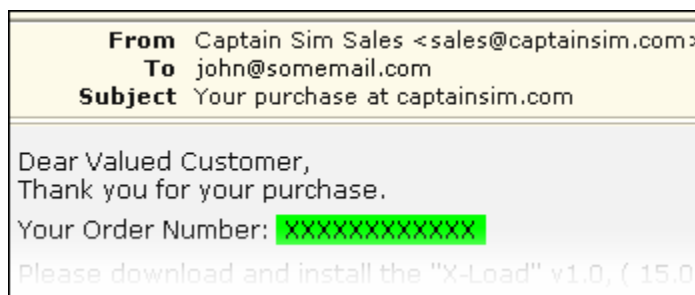
File Name: csa754_XX00.exe (FS9) or csx754_XX00.exe (FSX)

Size: ~32 MB (FS9) or ~10 MB (FSX)

INSTALLATION

BASE PACK (OR BLOCK B+F) MUST BE INSTALLED <u>BEFORE</u> THE 757 FREIGHTER EXPANSION MODEL INSTALLATION.

1. Shortly after a purchase you will receive an email message from Captain Sim Sales with your Order Number and download links.

Note:
How to get the product download links if you have not received the email receipt?
   - Please check-in to Your Profile (ORDER NUMBER REQUIRED)
   - In Your Profile click: **Product Name > Extended Download Service** and download the product.
   - Please keep your ORDER NUMBER safe. You will need it for future re-install, updates etc.

2. Download the .exe file to any folder. Please backup the file(s) to avoid an extra charge in future. Please keep your download and Check-in info safe.

3. Run the .exe file (right click on the .exe file, select 'Run as Administrator') and follow the prompts.

Note:

  - YOUR PC MUST BE CONNECTED TO THE INTERNET FOR THE INSTALLATION.

  - ORDER NUMBER IS REQUIRED FOR THE INSTALLATION.

  - The installation software will automatically add the '757 Freighter' to your MSFS.

  - Upon installing the models will appear as 'Boeing 757 Freighter PW' and 'Boeing 757 Freighter RR' under 'Captain Sim' manufacturer* in the MSFS aircraft selection menu.

  - Links to the Manuals and Uninstall will be available via: Click START > Programs > Captain Sim > 757 Captain >

   * - Boeing manufacturer, Captain Sim publisher for FSX.

UNINSTALLATION

Click START > Programs > Captain Sim > 757 Captain > 757 Freighter > Uninstall

SYSTEMS

See Flight Manual Part II – Aircraft Systems, Part V – FMS for details.

2D PANELS

MODEL ANIMATION CONTROL PANEL

Press Shift+3 or its icon to show/hide the panel.

Press any white label/button to initiate the corresponding animation of the Exterior Model.

Notes:

- You cannot put the Engine Covers if an engine is running.

- You cannot open Engine Cowlings inflight.

- You cannot set the Wheel Chocks if your speed is more than 0 KIAS

- L-R – indicates that you can control left-right side items independently
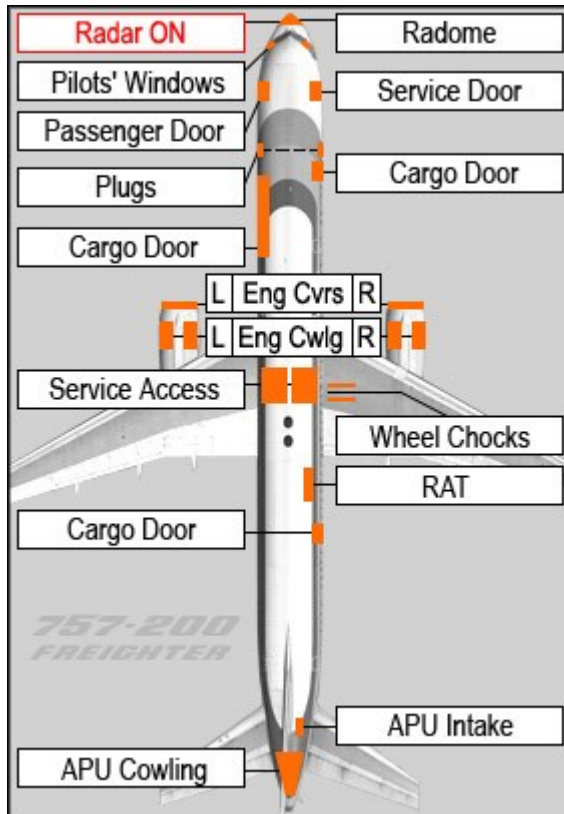
LOAD MANAGERS

Two Load Manager Control panels provide independent real-time operation of the animated Aircraft Loaders. Use Icons Control Panel (Shift+2) to show/hide Load Manager panels.

MAIN DECK LOAD MANAGER
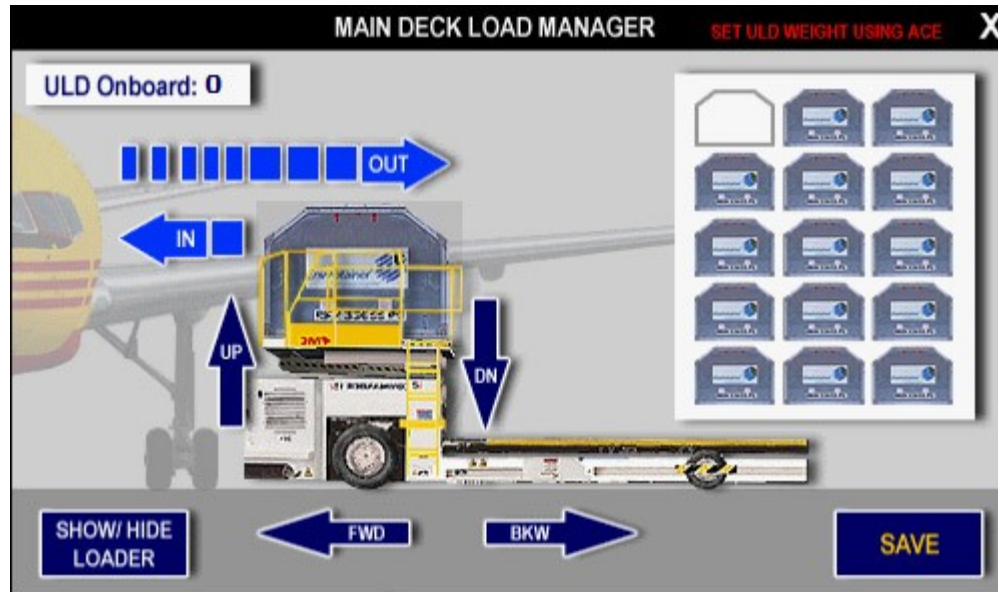
ULD Onboard
Indicates the number of Unit Load Devices onboard.

IN/OUT Pointers
Press the corresponding pointer to upload/unload the units to/from the main cargo deck.

Note:
Main Cargo Door should be open for loading. Use Model Animation Control 2D Panel (Shift+3).

15 Units Selection
Click on any available unit to load it on the Aircraft Loader. The loader should be back on the loading area with a lift lowered.

UP/DN Pointers
Press the corresponding pointer to move the Lift up or down.

FWD/BKW Pointers
Press the corresponding pointer to drive the Loader between an aircraft and loading area.

Show/Hide Loader
Press the button to show/hide the Loader.

Note:
Make sure aircraft is on parking brakes. If an aircraft start rolling with the Loaders shown they will be hidden automatically.

Press Save button to save changes in cargo settings.

LOWER DECK LOAD MANAGER
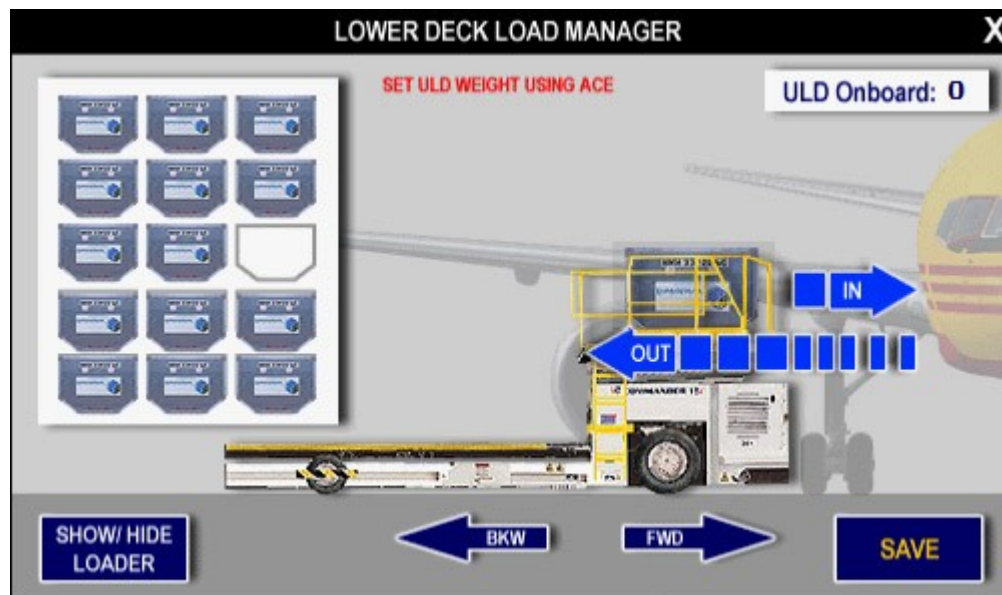
Same as **Main Deck Load Manager** except UP/DN Pointers.

Please note: only loaded ULD weight will be saved, you will not see containers in the lower deck after saving.

HOW IS THE 757-200F MODEL DIFFERENT FROM 757-200 MODEL

Interior

Lower cargo deck

Main cargo deck with ULD

Lower deck load manager with ULD

Main cargo deck

Door from main to lower cargo deck

Cargo loader and ULD

Animations

Engine covers (4)

Engine cowlings (2)

Flaps (8 sections)

Reversers

Slats

Spoilers (12 sections)

Exterior

Main deck cargo loader and ULD

Main cargo deck and ULD

Lower deck cargo loader and ULD

Main cargo door

Pre-saved views

Lower cargo deck

Main cargo deck

Lighting – lower cargo deck

Lighting – main cargo deck

DO NOT USE FOR FLIGHT

ACE (AIRCRAFT CONFIGURATION EDITOR) UTILITY

~~5.99 Euro~~

The ACE utility is included in the **757-200 Base Pack** and works with all variations of the '757 Captain' (-200, -300, Freighter) and provides the following features:

1. Add new '757 Captain' liveries to FSX.
2. Preview any existing (installed) '757 Captain' livery.
3. Delete any existing '757 Captain' Sim livery from FSX.
4. Edit AIRCRAFT VARIATION text.
5. Edit DESCRIPTION text.
6. Manage selection of up the model variations
7. Number of PREFLIGHT settings features.
8. Number of special features (updates, troubleshooting).
9. The ACE works with all aircraft of the '757 Captain' family:
   - 757-200
   - 757-300
   - 757 Freighter

ACE (former Block C) is not available as a separate product anymore.

'FLEET' TAB

The **FLEET** tab contains two vertical tabs: **ADD NEW** and **EXISTING**.

'ADD NEW' TAB
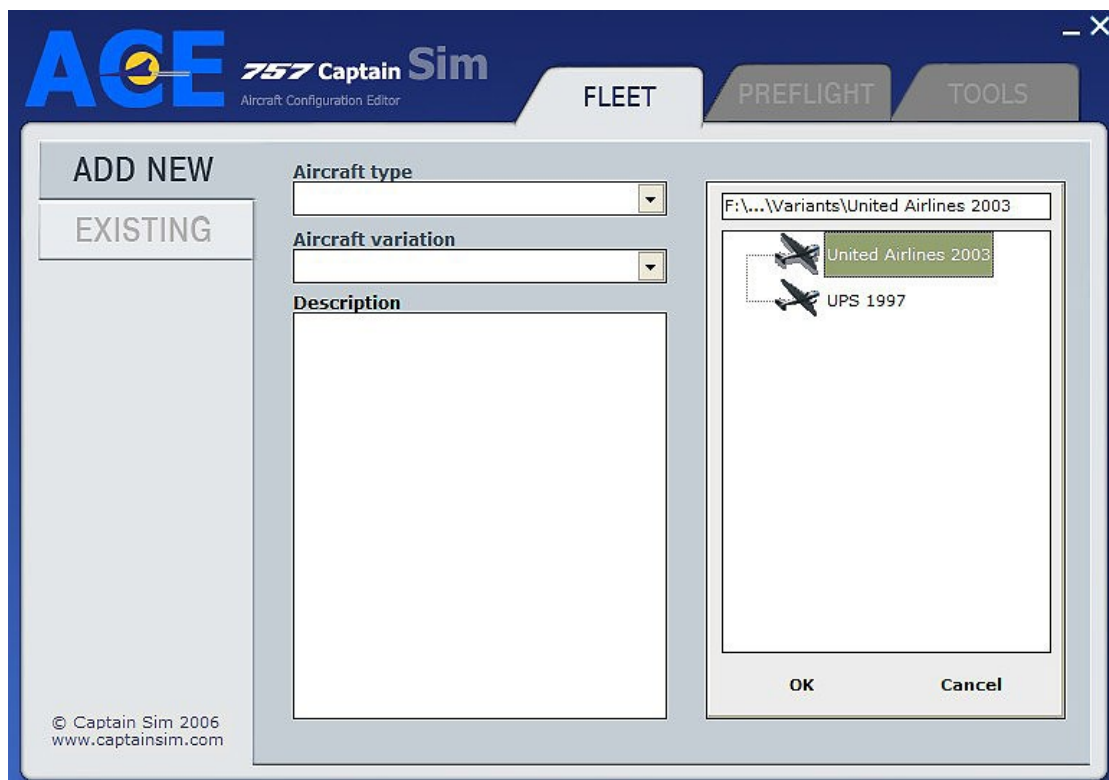
The ADD NEW vertical tab helps you to add new '757 Captain' Sim livery to MS FS.

HOW TO ADD NEW XYZ LIVERY?

- Make sure your Flight Simulator is not running.

- Download new 757 livery archive to any folder at your computer (e.g. XYZ).

- Unzip all content of the downloaded archive to the same folder. All files should be in one folder, NO SUBFOLDERS.

- Make sure all textures .dds (FSX) OR .bmp (for FS9) files, *Description.txt* and *thumbnail.jpg* files are present and located in the XYZ folder.

- Start ACE: go START>PROGRAMS>CAPTAIN SIM>757 CAPTAIN (FS9) or 757 CAPTAIN (FSX)> ACE.

- Press 'ADD NEW' button.

- Select path to description.txt of the variation you want to add. Press OPEN.

You will see window with all information about variation you are going to add.

- Press OK button.

Done! The new variation will appear in your MS FS under CAPTAIN SIM manufacturer (FS9) or Boeing manufacturer Captain Sim publisher (FSX).

- Press SELECT VARIATION button and select the variation you want to add. Press OK.

The new variation's image should appear in preview window. Also the new variation info and description should appear in the text fields.

- Press ADD VARIATION button.

DO NOT USE FOR FLIGHT

'EXISTING' TAB

The EXISTING tab helps you to manage existing (installed to MS FS) '757 Captain' Sim liveries:
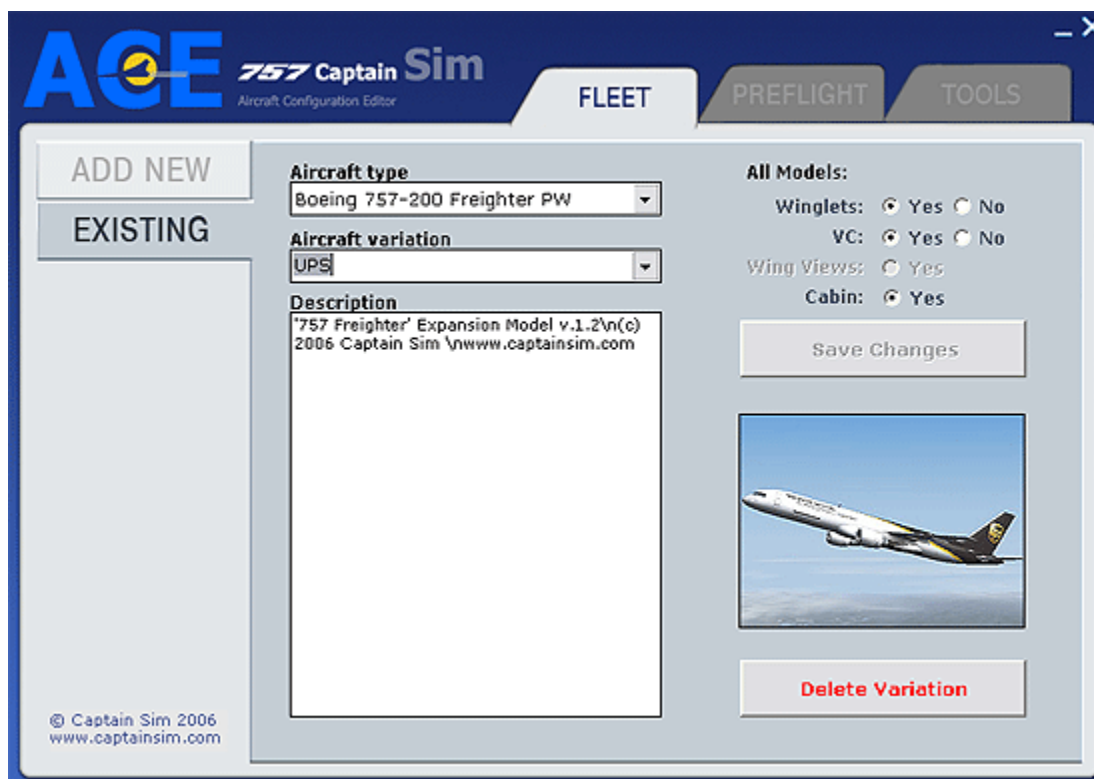
HOW TO EDIT LIVERY DESCRIPTION?

    1. Press 'EXISTING' tab button.

Note
You can modify text in description field. You cannot change Aircraft type and Aircraft variation.

    2. Select 'AIRCRAFT TYPE'.

    3. Select 'AIRCRAFT VARIATION'. 'EDIT VARIATION' and 'DELETE VARIATION' buttons will be activated.

    4. Now you can edit texts for the selected livery. When finished, press **'**SAVE CHANGES' button to save the changes.

HOW TO DELETE A LIVERY?

    1. Press "EXISTING" tab button.

    2. Select 'AIRCRAFT TYPE'.

    3. Select 'AIRCRAFT VARIATION'. 'EDIT VARIATION' and 'DELETE VARIATION' buttons will be activated.

    4. Press 'DELETE VARIATION' button. Pressing 'OK' button will delete the selected variation from your '757 Captain' fleet. No backup copy will be saved.

MODEL SELECTION:

- **Winglets**
  - o   Yes – winglets will appear on *all* 757 models (-200, -300, Freighter).
  - o   No – no winglets on any 757 model.

- **VC ***
  - o   Yes – you can select either Flight Deck and Passenger Cabin VC or Flight Deck and Wing Views.
  - o   No – Neither Flight Deck nor Passenger/Cargo Cabin VC on any 757 model. Deactivates **Wing Views** and **Cabin** options selection.

- **Wing Views ***
  - o   Yes – Flight Deck VC and Wing Views on all 757 models.**

- **Cabin ***
  - o   Yes – Flight Deck and Passenger/Cargo Cabin VC on all 757 models.**

Note:

The model variation selections apply to all 757 models regardless of the engines type.

* - FS9 ONLY.
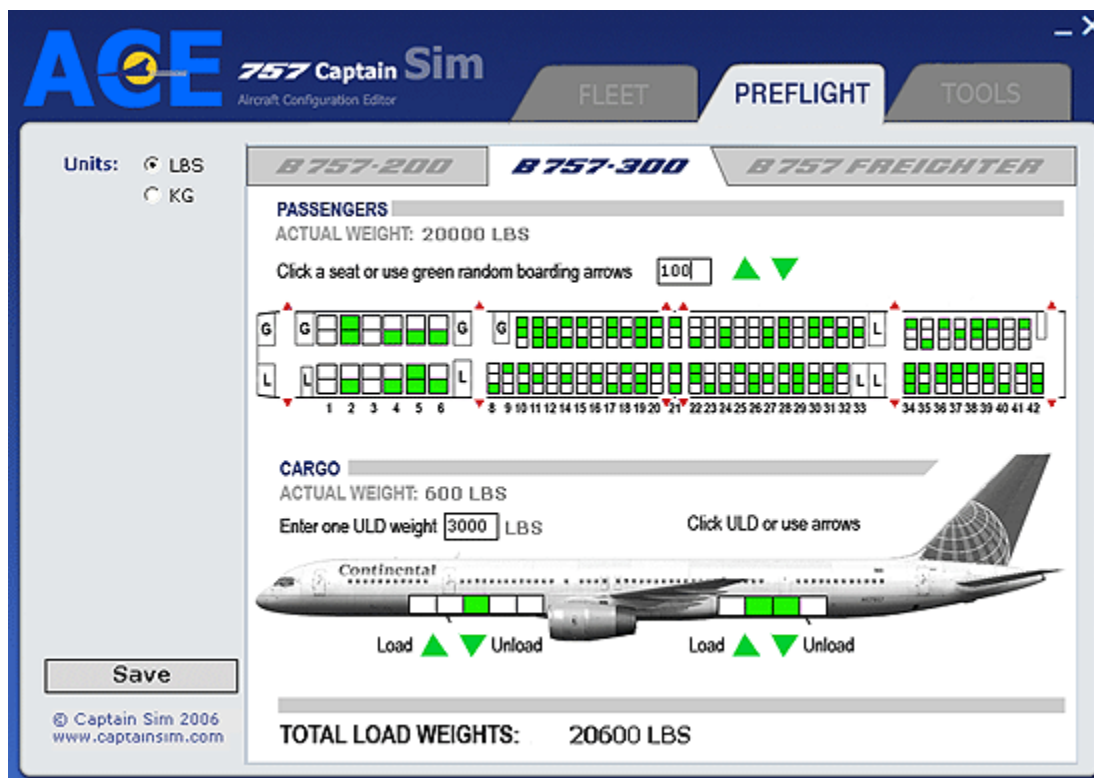** - FS9 ONLY. 757 Freighter models options may vary.

Press SAVE CHANGES to save all settings.

'PREFLIGHT' TAB (Load Manager)

Use for payload settings of the 757-200, 757-300 and 757 Freighter models.

Note:
When you open this tab ACE always reads 0 KG/LBS regardless of your previous load settings.

DO NOT USE FOR FLIGHT

'B757-200'/'B757-300' TABS
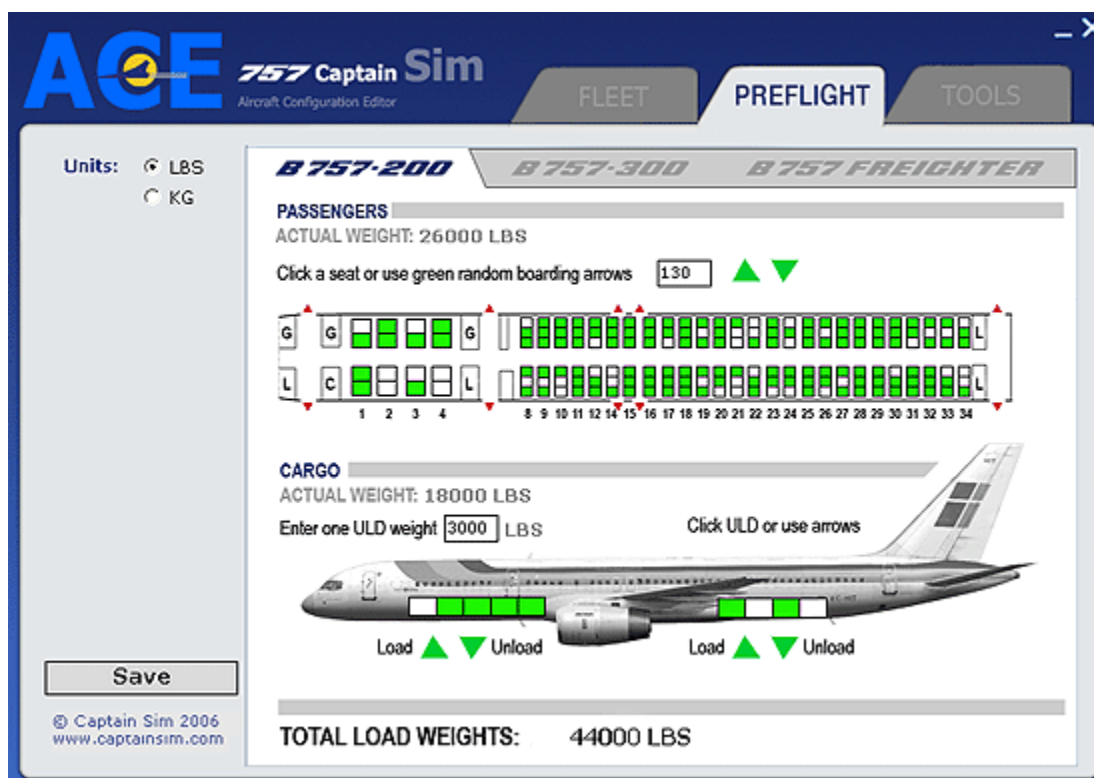
Use radio button to select Measurement System – LBS (pounds) or KG (kilograms).

Passengers

Click a seat or use green random boarding arrows or enter a number of passengers in the field.
Actual weight will be displayed.

Cargo

Enter one ULD weight. Click ULD section image or use green arrows to load/unload cargo on the lower deck.
Actual cargo weight will be displayed.

Total Load Weights – displays current total load weight (PAX + Cargo).

Note:
No fuel included/calculated. For fuel load management use FS9 and FSX default utilities.

Press 'SAVE' Button. All load settings apply to all 757 Freighter models.

'B757 FREIGHTER' TAB
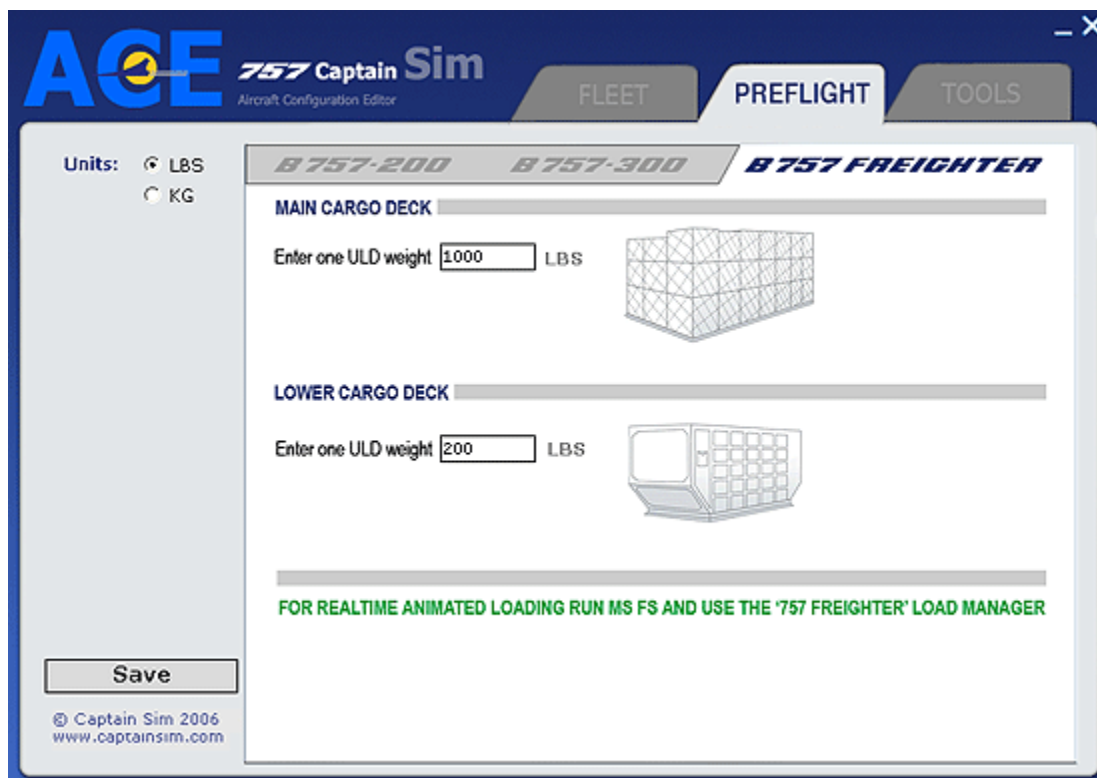
Use radio button to select Measurement System – LBS (pounds) or KG (kilograms).

Enter one ULD weight for Main Cargo Deck and Lower Cargo Deck.

Press 'SAVE' Button. All load settings apply to all 757 Freighter models.

FOR REALTIME ANIMATED LOAD MANAGEMENT RUN MS FS AND USE THE '757 FREIGHTER' LOAD MANAGERS.

See 757 Freighter Load Manager section of this manual for details.

DO NOT USE FOR FLIGHT

'TOOLS' TAB
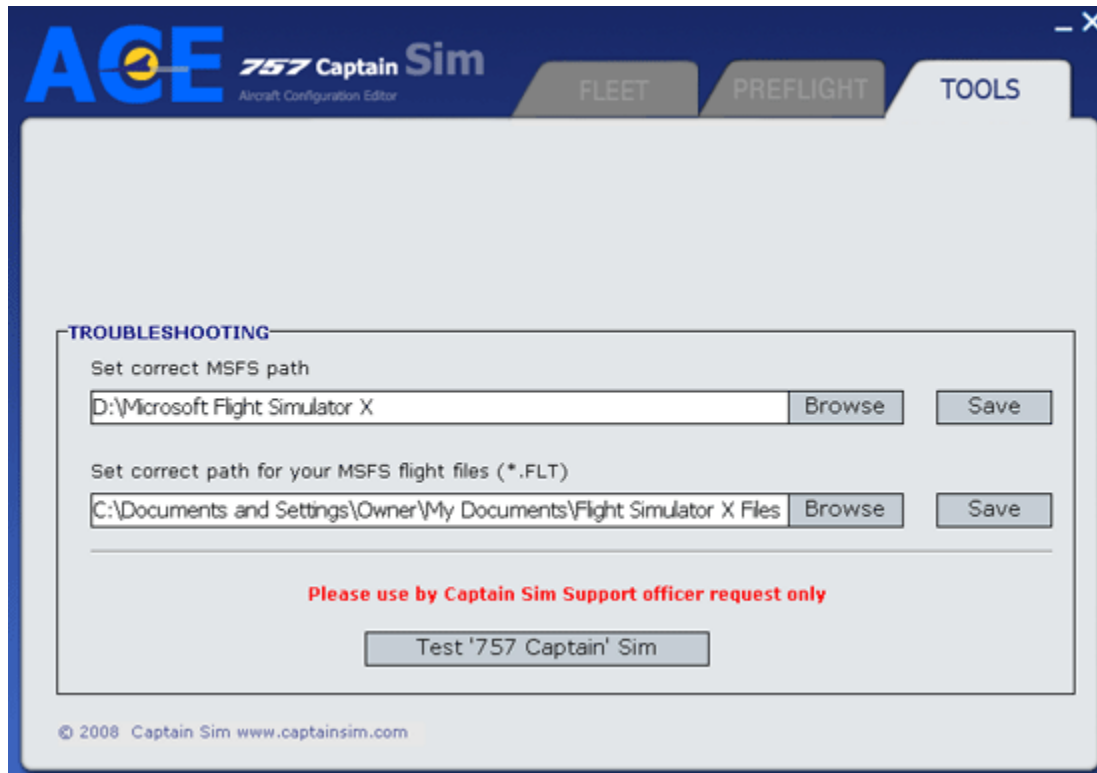
TROUBLESHOOTING

SET CORRECT PATH tool. If the 'FLEET' and 'PREFLIGHT' tabs ACE are unavailable please press 'BROWSE' button, set the path to FS9.exe/FSX.exe and your MS FS flight files (*.FLT) and press 'SAVE' button. 'FLEET' and 'PREFLIGHT' tabs should be available activated.

TEST '757 CAPTAIN' SIM button.
Please use this tool at Captain Sim support request ONLY.

Click this button to run safe system diagnostic tool and save the data to 'test.txt' file. No personal information collected.

SOUND SET

~~**6.99 Euro**~~

The Sound Set has been developed by SKYSONG SOUNDWORKS, licensed and included in the **757-200 Base Pack** as a free bonus.

The Sound Set works with all variations of the '757 Captain' (-200, -300, Freighter) and provides the following features:
- Boeing 757 Rolls-Royce Engines Soundset
- 757 Boeing 757 Pratt & Whitney Engines Soundset

WHAT MAKES ONE ENGINE SOUND DIFFERENT FROM ANOTHER?

There are several factors. Different style of compressors, engine shaft bearing types, fan blade shape and placement. Even the thickness and engine housing shape can affect the engine sound. Acoustics are a major factor as to the sound an engine produces. A simple explanation for the 'howl' and 'whine' of an engine is attributed to the fan blades going supersonic as the engine gains RPM. The air in front of the leading and trailing edges of the blade cannot get out of the way fast enough. The fan blade is literally cutting the air.

This difference in sound can be identified comparing the P&W and the Rolls Royce engines on the 757. I would venture to say it is more noticeable in the interior of the aircraft. This is where acoustics play a major role in sound difference. The body or fuselage of the aircraft is essentially a very long hollow tube. We all know what happens when two different people yell down a long drain pipe or hollow metal tube, you get two different sounds. Engines on an aircraft do the same thing. Vibration and the length of the sound waves cause you to hear the subtle differences in sound. Aircraft engine engineers have been able to make 'quieter' engines inside and out using acoustic technology.

'Noise abatement' has become a major concern as we advance the size of aircraft engines. I can remember how LOUD a Boeing 707 was back in the mid 1960's, it was an ear blowing experience just to stand next to the runway. Today you don't have the giant 'roar' and 'blast' we used to hear many years ago. As city populations expand and grow we have to have quieter engines.

I've studied very closely the differences between the P&W/Rolls Royce engines on the 757. You wont hear much difference at the lower range RPM's but once you start pushing the sticks forward you will notice the difference in the 'hum' and 'swell' of the engine sound.

I've done my best to capture that difference with these Digital Video Recordings for Captain Sim. The sounds were captured on a SuperHigh8 camcorder and then processed with audio editing software.

Aaron R. Swindle
SKYSONG SOUNDWORKS

Note:
The Sound Set (former Block E) is not available as a separate product anymore.

REPAINT KIT

Prior to using the Repaint Kit please read Captain Sim Copyright Policy.

1. DOWNLOAD '757 CAPTAIN' REPAINT KIT
Available via: Your Profile
In Your Profile click: Product Name > Repaint Kits

2. CREATE A LIVERY OF YOUR CHOICE.
- Texture files should not be renamed;
- Texture files must be in DXT format (dds for FSX!);

3. CREATE DESCRIPTION.TXT
Do not modify text shown in bold font!
Do not type text shown in grey!

FOR FS9:

[texture]
sim= cs757-200

model = RR or any the following:

For 757-200 and 757-300:
RRLWL -- RR, Winglets, no VC, no wing views
RRWVWL -- RR, Winglets, VC Flight Deck and wing views
RRWL -- RR, Winglets, VC Flight Deck and Passenger Cabin
RRL -- RR, No winglets, no VC, no wing views
RRWV -- RR, No winglets, VC Flight Deck and wing views
RR -- RR, No winglets, VC Flight Deck and Passenger Cabin
PWLWL -- PW, Winglets, no VC, no wing views
PWWVWL -- PW, Winglets, VC Flight Deck and wing views
PWWL -- PW, Winglets, VC Flight Deck and Passenger Cabin
PWL -- PW, No winglets, no VC, no wing views
PWWV -- PW, No winglets, VC Flight Deck and wing views
PW -- PW, No winglets, VC Flight Deck and Passenger Cabin

For 757 Freighter:
RRLWL -- RR, Winglets, no VC, two Aircraft Loaders
RRWL -- RR, Winglets, VC Flight Deck and Cargo Cabin, two Aircraft Loaders, no VC wings
RRWVWL -- RR, Winglets, VC Cargo Cabin, two Aircraft Loaders, VC wings
RRL -- RR, no Winglets, no VC, two Aircraft Loaders
RR -- RR, no Winglets, VC Flight Deck and Cargo Cabin, two Aircraft Loaders, no VC wings
RRWV -- RR, no Winglets, VC Cargo Cabin, two Aircraft Loaders, VC wings
PWL -- PW, no Winglets, no VC, two Aircraft Loaders
PW -- PW, no Winglets, VC Flight Deck and Cargo Cabin, two Aircraft Loaders, no VC wings
PWWV -- PW, no Winglets, VC Cargo Cabin, two Aircraft Loaders, VC wings

texture= XXXXX short (4-5 characters) unique code of your repaint.
For example: for United Airlines livery circa 2003 you'd use 'una_03' code. The code will be used in the texture folder name in the MSFS: texture.una_03

atc_id = XXXXXX (any numbers & characters)

atc_airline = XXXXXX (any numbers & characters)

atc_flight_number = XXXXXX (any numbers & characters)

ui_manufacturer=Captain Sim

ui_type=Boeing 757-200 RR (or Boeing 757-300 PW) The '**ui_type=**' engines make (RR or PW) must match '**the model =**' section engines make.

ui_variation = Unique variation name. Should include full name and year when the livery was current AND repaint artists' initials. For example: United Airlines, 2003 JS

description = '757 Captain' \n (c) 2008 Captain Sim www.captainsim.com
Your description of the livery. **Free livery, repaint by** Your Name. E-mail address is recommended.

EXAMPLE OF THE DESCRIPTION.TXT FILE FOR FS9:

[texture]
sim=cs757-200
model=RR
texture=un_03
atc_id=1234
atc_airline=1234
atc_flight_number=1234
ui_manufacturer=Captain Sim
ui_type=Boeing 757-200 RR
ui_variation= United Airlines, 2003 JS
description='757 Captain' \n (c) 2008 Captain Sim www.captainsim.com \n United Airlines, 2003. Free livery, repaint by John Smith.

FOR FSX:

[texture]

model=RR or any the following:
RRW – RR with winglets
PW
PWW – PW with winglets

atc_id = XXXXXX (any numbers & characters)

atc_airline = XXXXXX (any numbers & characters)

atc_flight_number = XXXXXX (any numbers & characters)

ui_manufacturer=Boeing

ui_createdby=Captain Sim

ui_type=757-200 PW or any the following:
757-200 RR
757-300 PW
757-300 RR
757-200 Freighter RR
757-200 Freighter RR

ui_variation = Unique variation name. Should include full name and year when the livery was current AND repaint artists' initials. For example: United Airlines, 2003 JS

description = '757 Captain' \n (c) 2008 Captain Sim www.captainsim.com
Your description of the livery. **Free livery, repaint by** Your Name. E-mail address is recommended.

EXAMPLE OF THE DESCRIPTION.TXT FILE FOR FSX:

[texture]
model=RR
texture=un_03
atc_id=1234
atc_airline=1234
atc_flight_number=1234
ui_manufacturer=Boeing
ui_createdby=Captain Sim

ui_type=757-200 RR
ui_variation= United Airlines, 2003 JS
description='757 Captain' \n (c) 2008 Captain Sim www.captainsim.com \n United Airlines, 2003. Free livery, repaint by John Smith.

4. PACK TO ZIP ARCHIVE THE FOLLOWING FILES:

- Texture sheets. DDS files (BMP for FS9). Include modified sheets only.
- ***description.txt*** file
- 256x128 pixels (200x150 for FS9) ***thumbnail.jpg*** image (screenshot) of the new livery.

    IMPORTANT: All files must go the archive *root* without any intermediate folders.

5. TEST NEW LIVERY IN MSFS
Try to add your livery to MSFS using ACE to make sure the livery is valid and ACE compatible.

6. PUBLISH NEW LIVERY USINGNG THIS FORM
Please make sure file description complies to Captain Sim Copyright Policy.

FREE LIVERIES

Free Liveries Catalog is available at our web site. Please check-in to Your Profile, click Product name link and use Get Free Liveries link.

CUSTOMER CARE

FORUM

You are invited to join Captain Sim community forum

DAILY NEWS

For Captain Sim *daily* news please follow us at Twitter or Facebook.

VIDEO CHANNEL

For Captain Sim videos please watch our YouTube channel.

TECH SUPPORT

The '757 Captain' is the most advanced, complete and accurate digital replica of the B757 ever available for any game platform.

Our product is not perfect (unfortunately nothing is). But we are working on improvements. If you have some important issue to report, please check-in to Your Profile then click Product Name > Customer Support > and use the Trouble Ticket System. We process all tickets and consider the most significant issues for the next service packs.